Reply to the Advisory Action dated: July 30, 2007

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the

application:

1. (Currently Amended) A toner composition, comprising:

toner particles comprising:

a binder resin comprising:

a modified polyester resin; and

a second resin having a weight average molecular weight of from

2,000 to 10,000,

a colorant:

a release agent; and

a particulate material which is present in at least a surface portion of the toner

particles while embedded into the surface portion,

wherein the toner particles are prepared by a method comprising dissolving or dispersing

a composition, which comprises at least a modified polyester resin (A) capable of reacting

with an active hydrogen and the second resin, the colorant, the release agent and a compound

having an active hydrogen, in an organic solvent to prepare an oil phase liquid; dispersing the

oil phase liquid in an aqueous medium comprising said particulate material while subjecting

polyester resin and to prepare a dispersion; removing the organic solvent of the dispersion to

the modified polyester resin (A) to a polymerization reaction to prepare the modified

prepare the toner particles; washing the toner particles; and drying the toner particles,

wherein the binder resin has a glass transition temperature not lower than 35°C and lower

than 55°C, and wherein the particulate material has an average particle diameter of from

0.002 to 0.2 times that of the toner particles;

2

Reply to the Advisory Action dated: July 30, 2007

wherein the particulate material comprises a particulate resin having a glass transition temperature of from [[40]] 55 to 100°C;

wherein the particulate resin is crosslinked using a crosslinking agent;

wherein the binder resin comprises tetrahydrofuran-insoluble components in an amount of from 2 to 30 % by weight; and

wherein the particulate resin has a weight average molecular weight of from 9,000 to 200,000, and wherein the particulate resin is included in the toner particles in an amount of from 0.5 to 5.0 % by weight based on total weight of the toner particles.

## 2. (Canceled)

3. (Previously Presented) The toner composition according to Claim 1, wherein the particulate material has a glass transition temperature of from 55 to 100°C.

## 4-7. (Canceled)

- 8. (Original) The toner composition according to Claim 1, wherein the second resin is an unmodified polyester resin, and wherein a ratio (i/ii) of the modified polyester resin (i) to the unmodified polyester resin (ii) is from 5/95 to 60/40.
- (Original) The toner composition according to Claim 8, wherein the unmodified polyester resin has an acid value of from 0.5 to 40 mgKOH/g.

Reply to the Advisory Action dated: July 30, 2007

10. (Previously Presented) The toner composition according to Claim 1, wherein the particulate resin comprises a resin selected from the group consisting of vinyl resins, polyurethane resins, epoxy resins and polyester resins.

- 11. (Previously Presented) The toner composition according to Claim 1, wherein the particulate resin has a volume average particle diameter of from 50 to 500 nm.
- 12. (Original) The toner composition according to Claim 1, wherein the toner particles have an average circularity of from 0.975 to 0.900.
- 13. (Original) The toner composition according to Claim 1, wherein the toner particles have a spindle form.
- 14. (Original) The toner composition according to Claim 13, wherein a ratio (r2/r1) of a minor axis particle diameter (r2) of the toner particles to a major axis particle diameter (r1) of the toner particles is from 0.5 to 0.8, and a ratio (r3/r2) of a thickness (r3) of the toner particles to the minor axis particle diameter (r2) is from 0.7 to 1.0.
- 15. (Previously Presented) The toner composition according to Claim 1, wherein the second resin is an unmodified polyester resin, and wherein the particulate resin has units obtained from styrene and methacrylic acid and satisfying the following relationship:

 $10 \le a \le 51$ ,  $15 \le b \le 51$ , and  $0.4 \le a/b \le 2.5$ ,

wherein a and b respectively represent weight ratios of styrene and methacrylic acid based on total monomers constituting the particulate resin.

Reply to the Advisory Action dated: July 30, 2007

16. (Previously Presented) The toner composition according to Claim 1, having a flow starting point (Tfb) of from 80 to 170°C.

17. (Original) The toner composition according to Claim 1, wherein the toner particles have a volume average particle diameter (Dv) of from 3 to  $7 \mu m$ .

18. (Original) The toner composition according to Claim 17, wherein a ratio (Dv/Dn) of the volume average particle diameter (Dv) to a number average particle diameter (Dn) of the toner particles is not greater than 1.25.

19. (Original) The toner composition according to Claim 1, wherein the second resin is an unmodified polyester resin, and wherein tetrahydrofuran-soluble components of the modified polyester resin and the unmodified polyester resin have a number average molecular weight of from 2,000 to 15,000 and a molecular weight distribution such that a peak is observed in a range of from 1,000 to 30,000, and components having a molecular weight not less than 30,000 is included in an amount not less than 1 % by weight.

20. (Original) The toner composition according to Claim 19, wherein components having a molecular weight not greater than 1,000 are included in the tetrahydrofuran-soluble components of the modified polyester resin and the unmodified polyester resin in an amount of from 0.1 to 5.0 % by weight.

21. (Currently Amended) A toner composition, comprising:

toner particles comprising:

a binder resin comprising:

Reply to the Advisory Action dated: July 30, 2007

a modified polyester resin; and

a second resin having a weight average molecular weight of from

2,000 to 10,000,

particles,

a colorant;

a release agent; and

a particulate material which is present in at least a surface portion of the toner

particles while embedded into the surface portion,

wherein the toner particles are prepared by a method comprising dissolving or dispersing a composition, which comprises at least a modified polyester resin (A) capable of reacting with an active hydrogen and the second resin, the colorant, the release agent and a compound having an active hydrogen, in an organic solvent to prepare an oil phase liquid; dispersing the oil phase liquid in an aqueous medium comprising said particulate material while subjecting the modified polyester resin (A) to a polymerization reaction to prepare the modified polyester resin and to prepare a dispersion; removing the organic solvent of the dispersion to prepare the toner particles; washing the toner particles; and drying the toner

wherein the binder resin has a glass transition temperature not lower than 35°C and lower than 55°C, and wherein the particulate material has an average particle diameter of from 0.002 to 0.2 times that of the toner particles;

wherein the particulate material comprises a particulate resin having a glass transition temperature of from [[40]] 55 to 100°C;

wherein the particulate resin is crosslinked using a crosslinking agent;

wherein the binder resin comprises tetrahydrofuran-insoluble components in an amount of from 1 to [[15]] 30 % by weight based on total weight of the binder resin; and

Reply to the Advisory Action dated: July 30, 2007

wherein the particulate resin has a weight average molecular weight of from 9,000 to 200,000, and wherein the particulate resin is included in the toner particles in an amount of from 0.5 to 5.0 % by weight based on total weight of the toner particles.

- 22. (Original) The toner composition according to Claim 1, wherein the release agent is a wax.
- 23. (Original) The toner composition according to Claim 1, further comprising an external additive which is present at least on a surface of the toner particles.
  - 24. (Currently Amended) A toner composition, comprising: toner particles comprising:

a binder resin comprising:

a modified polyester resin; and

a second resin having a weight average molecular weight of from

2,000 to 10,000,

a colorant;

a release agent; and

a particulate material which is present at least a surface portion of the toner particles while embedded into the surface portion,

wherein the toner particles are prepared by a method comprising

dissolving or dispersing a composition in an organic solvent, said composition comprising

at least a modified polyester resin (A) capable of reacting with an active hydrogen, and

Reply to the Advisory Action dated: July 30, 2007

the second resin.

the colorant, and

the release agent,

to prepare the toner particles and to be subjected to a polymerization reaction in an aqueous medium, and obtaining the solvent from the solution or dispersion by removing said solvent, cleaning the toner particles and drying the toner particles.

wherein the binder resin has a glass transition temperature not lower than 35°C and lower than 55°C, and wherein the particulate material has an average particle diameter of from 0.002 to 0.2 times that of the toner particles:

wherein the particulate material comprises a particulate resin having a glass transition temperature of from [[40]] 55 to 100°C;

wherein the particulate resin is crosslinked using a crosslinking agent;

wherein the binder resin comprises tetrahydrofuran-insoluble components in an amount of from 2 to 30 % by weight; and

wherein the particulate resin has a weight average molecular weight of from 9,000 to 200,000, and wherein the particulate resin is included in the toner particles in an amount of from 0.5 to 5.0 % by weight based on total weight of the toner particles.

25. (Original) A toner container containing the toner composition according to Claim 1.

26. (Currently Amended) A method for manufacturing a toner composition comprising toner particles, comprising:

Reply to the Advisory Action dated: July 30, 2007

dissolving or dispersing a composition, which comprises at least a modified polyester resin (A) capable of reacting with an active hydrogen, a second resin having a weight average molecular weight of from 2,000 to 10,000, a colorant, a release agent and a compound having an active hydrogen, in an organic solvent to prepare an oil phase liquid;

dispersing the oil phase liquid in an aqueous medium including a particulate material while subjecting the modified polyester resin (A) to a polymerization reaction to prepare a modified polyester resin and to prepare a dispersion;

removing at least the organic solvent in the dispersion to prepare the toner particles; washing the toner particles; and

drying the toner particles thereby obtaining the toner composition comprising said toner particles comprising:

a binder resin comprising:

the modified polyester resin; and

the second resin having a weight average molecular weight of from

2,000 to 10,000,

the colorant;

the release agent; and

the particulate material which is present at least a surface portion of the toner particles while embedded into the surface portion,

wherein the binder resin has a glass transition temperature not lower than 35°C and lower than 55°C, and wherein the particulate material has an average particle diameter of from 0.002 to 0.2 times that of the toner particles;

wherein the particulate material comprises a particulate resin having a glass transition temperature of from [[40]] 55 to 100°C;

wherein the particulate resin is crosslinked using a crosslinking agent;

Reply to the Advisory Action dated: July 30, 2007

wherein the binder resin comprises tetrahydrofuran-insoluble components in an amount of from 2 to 30 % by weight; and

wherein the particulate resin has a weight average molecular weight of from 9,000 to 200,000, and wherein the particulate resin is included in the toner particles in an amount of from 0.5 to 5.0 % by weight based on total weight of the toner particles.

27. (Previously Presented) A developer comprising:

a toner composition according to Claim 1; and

a carrier comprising a layer on a surface thereof,

wherein the layer comprises at least one member selected from the group consisting of an acrylic resin, a silicone resin and mixtures thereof.

28. (Previously Presented) A method for fixing a toner image, comprising:

passing an image bearing material bearing a toner image thereon through a nip between a fixing belt and a pressure member while applying heat to the toner image to fix the toner image on the image bearing material, wherein the fixing belt has a U form at the nip,

wherein a toner that forms said toner image on the image bearing material is the toner according to Claim 1.

Reply to the Advisory Action dated: July 30, 2007

## BASIS FOR THE AMENDMENT

The amendment of the claims is supported by the priority document (which is incorporated by reference into the specification, see page 154, last paragraph) and by the specification as originally filed.

No new matter is believed to have been added by entry of this amendment. Entry and favorable reconsideration are respectfully requested.

Upon entry of this amendment Claims 1, 3, 8-28 will now be active in this application.